ThinkPad® Edge E420s 4401 (TopSeller)

Type-model	Processor	Memory	Wide-screen display	Camera	Disk SATA GB[8] rpm	PCIe Mini Card WLAN	PCIe Mini Card WWAN /mSATA	Carrier	Finger print reader	Blue-tooth	Bat-tery cells	Preload
✂ 4401-27U	i5-2410M	4GBx1	14.0" HD	720p	320G 7200	Intel 1000	None	None	Finger	Blue	4	Prem 64
✂ 4401-28U	i5-2410M	4GBx1	14.0" HD	720p	320G 7200	Intel 1000	None	None	Finger	Blue	4	Pro 64
✂ 4401-29U	i3-2310M	4GBx1	14.0" HD	720p	320G 7200	TP 11b/g/n	None	None	Finger		4	Pro 64
4401-5EU	i5-2430M	4GBx1	14.0" HD	720p	320G 7200	Intel 1000	None	None	Finger	Blue	4	Prem 64
4401-5FU	i5-2430M	4GBx1	14.0" HD	720p	320G 7200	Intel 1000	None	None	Finger	Blue	4	Pro 64
4401-5GU	i3-2330M	4GBx1	14.0" HD	720p	320G 7200	TP 11b/g/n	None	None	Finger		4	Pro 64
4401-93U	i5-2430M	4GBx1	14.0" HD	720p	500G 5400	Intel 1000	None	None	Finger	Blue	4	Pro 64
☞ 4401-7MU	i5-2450M	4GBx1	14.0" HD	720p	320G 7200	Intel 1000	None	None	Finger	Blue	4	Pro 64
☞ 4401-7LU	i5-2450M	4GBx1	14.0" HD	720p	320G 7200	Intel 1000	None	None	Finger	Blue	4	Prem 64

- ***Small and medium business (SMB) model(s), part of the US TopSeller™ Program***
- ***Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Elegant design with quality, reliability, and portability for SMB customers; two spindles*
Processor	**Intel® Core™ i3-2310M processor (dual-core, 2.10GHz, 3MB Cache)**, DDR3 memory controller (up to 1333MHz), HT technology **Intel Core i3-2330M processor (dual-core, 2.20GHz, 3MB Cache)**, DDR3 memory controller (up to 1333MHz), HT technology **Intel Core i5-2410M processor (dual-core, 2.30GHz, 3MB Cache)**, DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (2.90GHz), HT technology **Intel Core i5-2430M processor (dual-core, 2.40GHz, 3MB Cache)**, DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.00GHz), HT technology **Intel Core i5-2450M processor (dual-core, 2.50GHz, 3MB Cache)**, DDR3 memory controller (up to 1333MHz), Intel Turbo Boost 2.0 (3.10GHz), HT technology
Memory	8GB max[7] / PC3-10600 1333MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets
Optical	DVD burner, 9.5mm high, fixed, not removable, slot-in
SATA disk	*Some:* Solid State Drive (SSD) / SATA 3.0Gb/s, 2.5" wide, 7mm high *Some:* Hard Disk Drive / SATA 3.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ *All:* removable, upgradable, Shock Mounted Hard Drive
mSATA	None
Widescreen display	**14.0"** (355mm) **HD (1366x768) color**, anti-glare display with glossy infinity glass, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio
Camera	HD720p resolution, wide view angle, low light sensitive, fixed focus
Graphics	**Intel HD Graphics 3000** in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent display; *Max external resolution:* 2048x1536 (VGA)@75Hz; 1920x1200 (HDMI)@60Hz
Keyboard	6-row, spill-resistant, multimedia Fn keys
TrackPoint®	TrackPoint pointing device, Internet Scroll Bar[13]
Touch pad	UltraNav™, buttonless touchpad below keyboard, Tap Zones, scrolling regions, multi-touch
ThinkLight™	Illuminates the keyboard to improve visibility in low-light conditions
Dimensions[3]	*14.0W" (WxDxH):* 13.74" x 9.29" x 0.91-1.23"; 349mm x 236mm x 23.1-31.2mm
Weight[2]	starting at 4.14 lb (1.88kg)
Case color	Moss Black soft touch finish, authentic metal accents
Case material	Magnesium/Aluminum + PPS
Battery - type[37]	Integrated Lithium Ion 4-cell, 1000 cycle battery
Battery - life[10]	*4-cell (48.8Whr):* up to 7.0 hr
Chipset	**Mobile Intel HM65 Express Chipset**
ExpressCard/34	None
Multicard Reader	4-in-1 reader (MMC, SD, SDHC, SDXC)
Ports	Two USB 2.0 (one powered), one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
PCIe Mini Card	Two PCI Express Mini Card slots
WLAN[4]	*Some:* 11b/g/n, PCIe Half Mini Card, ThinkPad 11b/g/n, 1x1 *Some:* 11b/g/n, PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2
WWAN	None
Modem	None
Bluetooth™	*Some:* Bluetooth 3.0 wireless
Ethernet	Realtek® RTL8111E Gigabit Network Connection
Intel AMT	None
Audio support	High Definition (HD) Audio, Conexant 20671 codec / stereo speakers, 1 watt x 2/ mono digital microphone, combo audio/mic jack
Security	Power-on password, hard disk password, supervisor password, security keyhole
Security chip	None
Fingerprint reader	UPEK Fingerprint reader on palm rest, swipe sensor
Limited warranty[12]	**1-year** - depot repair service / service upgrades[22] available

Preloaded operating system[20]
- *Some:* Genuine Windows® 7 Home Premium 64
- *Some:* Genuine Windows 7 Professional 64

Ready to install applications[14] (only some listed)
- Rescue and Recovery™
- Access Connections™
- Fingerprint Software (fingerprint models)
- Password Manager (fingerprint models)
- ThinkVantage System Update
- ThinkVantage Power Manager
- ThinkVantage Toolbox

Preloaded applications[14] (only some listed)
- Norton™ Internet Security 2011 (30 days of virus definitions)
- Adobe® Reader®
- Skype™ for Windows
- Windows Live™ Essentials
- Microsoft Office 2010 preloaded; purchase product key to activate
- Adobe Acrobat® X Standard (bundled with Microsoft Office)
- Corel® WinDVD® (DVD±RW)
- Corel Burn.Now™ Lenovo Edition (DVD±RW)
- Corel DVD MovieFactory® Lenovo Edition (DVD±RW)

Supports ThinkVantage® technologies

65-watt AC adapter
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant
International Warranty Service[17]
24 hour x 7 day[18] toll-free support during the warranty period[12] via 800-426-7378

For compatible accessories, please go to O-E420-S sheet;

For ThinkPlus™,[22] service upgrade options, please go to S-EDGE sheet

See footnotes for more detailed information

☞ US model(s) announced January 17, 2012; previous model(s) on March 22, October 4 or December 20, 2011

✂ US model(s) withdrawn effective December 2011

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